

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/003589

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B65B29/02 B65B9/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B65B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 012 629 A (REHMAN ET AL) 7 May 1991 (1991-05-07) column 14, line 24 - column 15, line 35; figures 2-6	1,6,9, 10,13
A	EP 0 943 544 A (DIMAS.R.L.) 22 September 1999 (1999-09-22) claim 1; figures 1-9	1,6,11
A	EP 0 432 126 A (CLOUD CORPORATION) 12 June 1991 (1991-06-12) abstract; figures 8-14	1,6,9,13

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

### \* Special categories of cited documents :

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Date of the actual completion of the International search

23 February 2005

Date of mailing of the International search report

02/03/2005

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## INTERNATIONAL SEARCH REPORT

 Int. Application No.  
 PCT/IB2004/003589

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
US 5012629	A 07-05-1991		AT 111855 T CA 2025876 A1 DE 69012729 D1 DE 69012729 T2 DK 422898 T3 EP 0422898 A1 ES 2060061 T3 JP 2898076 B2 JP 3200558 A KR 175926 B1		15-10-1994 12-04-1991 27-10-1994 02-02-1995 17-10-1994 17-04-1991 16-11-1994 31-05-1999 02-09-1991 01-02-1999
EP 0943544	A 22-09-1999		IT B0980184 A1 EP 0943544 A1		20-09-1999 22-09-1999
EP 0432126	A 12-06-1991		US 5081819 A CA 2006747 A1 DE 69013303 D1 DE 69013303 T2 EP 0432126 A1		21-01-1992 04-06-1991 17-11-1994 11-05-1995 12-06-1991